

WINTER SEASON

(December 2007 – February 2008)

Synopsis: In December, temperatures were 2 to 3 degrees above normal allowing for very little snowfall this winter season. January and February was active months as multiple storm systems crossed the area, with the heaviest rains occurring toward the end of the winter season. There were a series of ice storms and tornados in January and February causing wide-spread damage. Due to the heavy ice storms, considerable damage was reported in portions of southeast Missouri and southwest Illinois. The hardest hit areas extended from near Van Buren to Cape Girardeau Missouri, eastward into the Carbondale and Harrisburg Illinois.

After months of below normal precipitation, December was one of the ten wettest Decembers on record. Numerous storm systems affected the quad-state area, with the bulk of the rains falling during the first half of the month. Considerable amount of rain also fell in February, and the combination of all of the ice and rain accumulation by the end of the season, many communities began to experience moderate to major flooding. The soil moisture content across the Paducah forecast responsibility area became very saturated, which helped the development of rapid flooding especially in southeast Missouri and southern Illinois.

DECEMBER 2007	Average Monthly Temp.	Departure from Normal	Records
Paducah, KY	40.0°	+3.1°	
Owensboro KY	40.7°	+2.8°	
Evansville, IN	38.7°	+3.1°	
Carbondale, IL	38.5°	+3.8°	
Poplar Bluff, MO	39.6°	+2.5°	
Cape Girardeau MO	38.6°	+2.0°	

JANUARY 2008	Average Monthly Temp.	Departure from Normal	Records
Paducah, KY	34.3°	+1.4°	
Owensboro, KY	33.3°	-0.2°	
Evansville, IN	32.0°	+1.0°	
Carbondale, IL	33.4°	+3.3°	
Poplar Bluff, MO	34.6°	+2.0°	
Cape Girardeau MO	33.2°	+0.8°	

FEBRUARY 2008	Average Monthly Temp.	Departure from Normal	Records
Paducah, KY	37.8°	-0.3°	
Owensboro, KY	36.7°	-2.1°	
Evansville, IN	35.3°	-0.5°	
Carbondale, IL	34.8°	±0.0°	
Poplar Bluff, MO	38.1°	-0.1°	
Cape Girardeau MO	37.1°	-0.8°	

DECEMBER 2007	Monthly Precip.	Departure from Normal	Monthly Snowfall	Departure from Normal	Records
Paducah, KY	7.37	+2.99	0.2	-1.3 in.	7 th Wettest
Owensboro, KY	6.03	+2.12	Trace	-2.8 in. (E)	
Evansville, IN	6.34	+2.76	0.1	-2.7 in.	9 th Wettest
Carbondale, IL	7.05	+3.34	Trace	-1.5 in. (E)	5 th Wettest
Poplar Bluff, MO	8.59	+4.27	0.0 in.	-0.8 in.	6 th Wettest
Cape Girardeau, MO	7.50	+3.29	Trace	-1.9 in.	5 th Wettest

JANUARY 2008	Monthly Precip.	Departure from Normal	Monthly Snowfall	Departure from Normal	Records
Paducah, KY	3.16	-0.31	1.7	-2.2 in.	
Owensboro, KY	1.13	-2.34	Trace	-4.6 in. (E)	
Evansville, IN	3.97	+1.06	3.3	-1.3 in.	
Carbondale, IL	1.36	-1.55	Trace	-3.9 in. (E)	
Poplar Bluff, MO	2.55	-0.41	Trace	-3.0 in.	
Cape Girardeau, MO	2.71	-0.67	Trace	-4.4 in.	

FEBRUARY 2008	Monthly Precip.	Departure from Normal	Monthly Snowfall	Departure from Normal	Records
Paducah, KY	5.13	+1.20	1.6 in.	-1.7 in.	
Owensboro, KY	3.59	-0.26	Trace	-3.8 in. (E)	
Evansville, IN	5.97	+2.87	5.2 in.	+1.4 in.	10 th Wettest
Carbondale, IL	5.35	+2.34	Trace	-3.3 in. (E)	7 th Wettest
Poplar Bluff, MO	4.88	+1.40	Trace	-1.8 in.	
Cape Girardeau, MO	6.30	+2.86	Trace	-6.4 in.	4 th Wettest